

Name _____

Two Factor Cross Review

1. Round (R) is dominant over wrinkled (r). Yellow (Y) is dominant over green (y). Answer the questions below after completing a Punnett square for a **dihybrid** cross (cross two parents that are each heterozygous round AND heterozygous yellow)

Genotype of Parent 1 = _____

Genotype of Parent 2 = _____

What **fraction** of the offspring will have:

round AND yellow pods? ____

round AND green pods? ____

wrinkled AND yellow pods? ____

wrinkled AND green pods? ____

2. Tall (T) is dominant over short (t). Axial (A) is dominant over terminal (a). Cross a heterozygous tall, heterozygous axial male and a short, terminal female. Answer the questions below. Use a Punnett square to support your answers.

Genotype of Father _____

Genotype of Mother _____

What **fraction** of the offspring would be:

tall and terminal? ____

short and axial? ____